

Notice of Allowability

Application No.

10/625,665

Examiner

Adolfo Nino

Applicant(s)

CHUNG, YOUNG-KI

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Application filed 7/24/03.
2. ☒ The allowed claim(s) is/are 1-8.
3. ☒ The drawings filed on 24 July 2003 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date 11/26/03
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____



ANTHONY DINKINS
PRIMARY EXAMINER

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

The application has been amended as follows:

IN THE SPECIFICATION:

Page 6, line 26, replace "441" with ---441a---.

Page 7, line 2, replace "441" with ---441a---.

Page 7, line 18, replace "421" with ---421a---.

IN THE CLAIMS:

Claim 1, line 14, delete "and".

Claim 3, line 3, replace "a", both occurrences, with ---the--- in order to be clear that it is referring to the preliminarily discharging cap member and the preliminarily discharging member of claim 1.

Claim 5, line 8, replace "the" in "the protective member" with ---a--- in order to overcome a lack of antecedent basis.

Note that the Applicant was not contacted for the above amendments to the specification and claims since they are clearly a typographical error.

Allowable Subject Matter

Claims 1-8 are allowed.

The following is an examiner's statement of reasons for allowance:

The primary reason for the indication of the allowability of claims 1-8 is the inclusion therein of the combination of an electrostatic induction member including an isolation polymer insulator provided at the upper portion of the fixing bar, an auxiliary discharging member, which has at least one thin plate to be stacked through a center of which a lower end part of the isolation polymer insulator passes, a preliminary discharging cap member made of conductive material and positioned at a lower surface of the auxiliary discharging member, and a preliminarily discharging member fixed to the fixing bar in such a manner that the preliminarily discharging member maintains a non-contact state with respect to a lower surface of the auxiliary discharging member.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Chung (Pub. No. US 2004/0105211 A1) discloses discharge-dissipation lightning air terminals with a potential modifying unit attached releasably on the discharge member. Fowler et al. (US 6,690,562 B2) disclose a lightning

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suppression system using cables. Rapp (US 6,649,825 B2) discloses a human impalement prevention system. Brammer (US 6,498,291 B2) discloses a static electricity eliminator. Gumley (US 6,320,119 B1) discloses air terminals of two types having curved surface electrodes. Zini et al. (US 6,307,149 B1) disclose a lightning protection system. Smith (US 6,167,896 B1) discloses lightning shelters. Carpenter (US 5,073,678; 4,180,698) discloses a spline ball terminal and a system and equipment for atmospheric conditioning. Sadler et al. (US 4,910,636) disclose a static electricity dissipater.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Adolfo Nino whose telephone number is (571) 272-1981. The examiner can normally be reached on M-F (7:30-5:00).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Dean A Reichard can be reached on (571) 272-2800 ext. 31. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

AN

A handwritten signature in black ink, appearing to read "Anthony Dinkins". The signature is written in a cursive, flowing style.

ANTHONY DINKINS
PRIMARY EXAMINER